

1/8

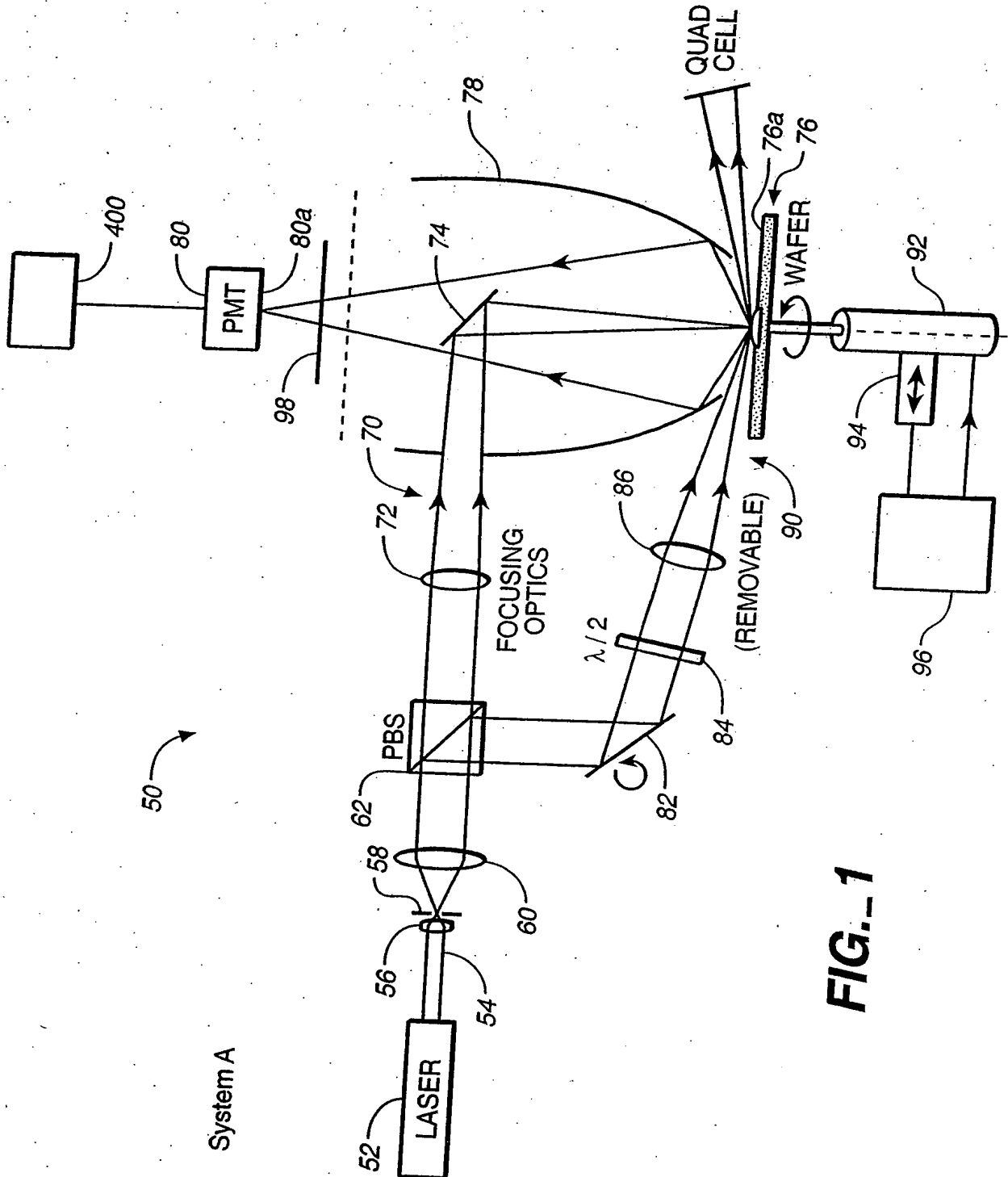
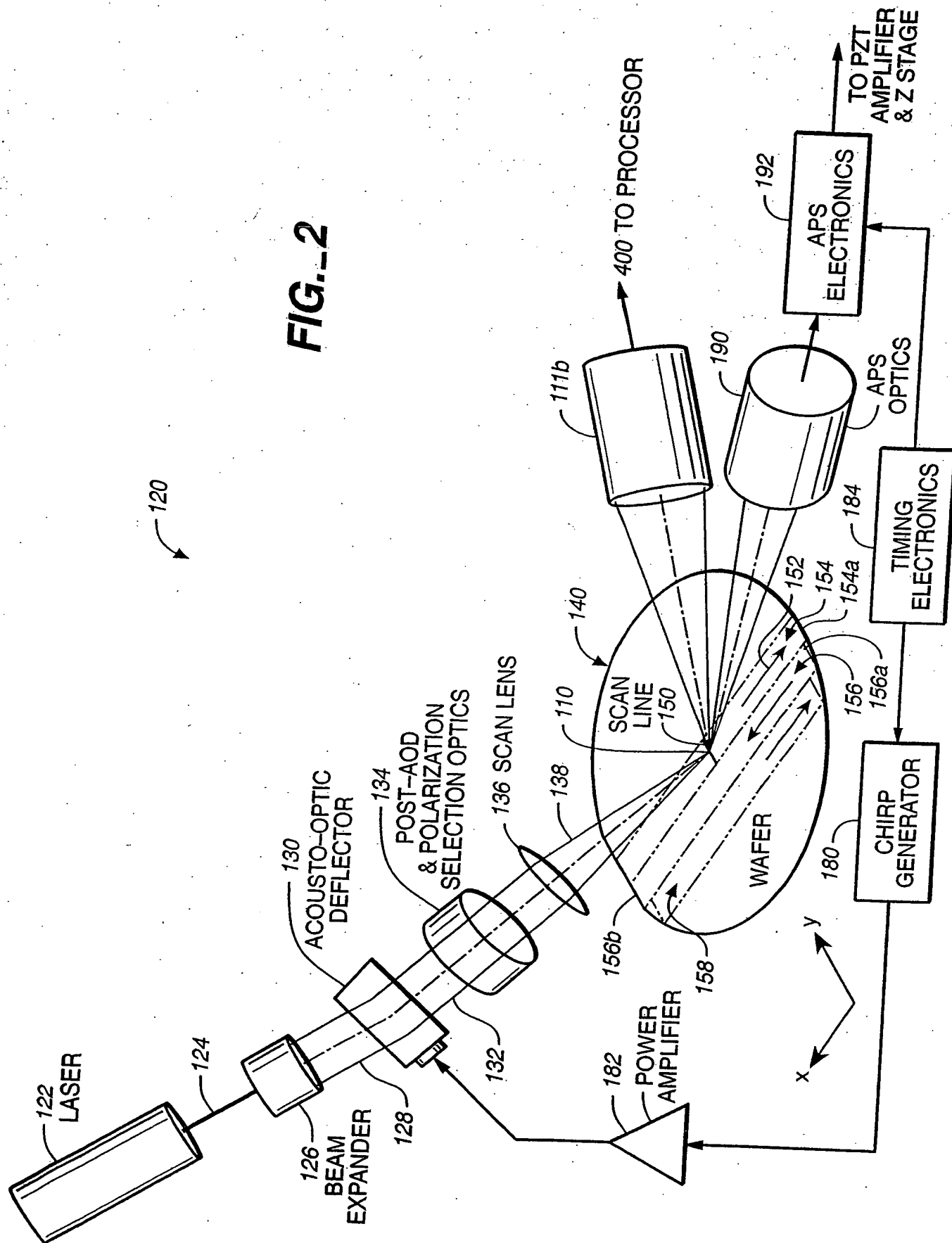


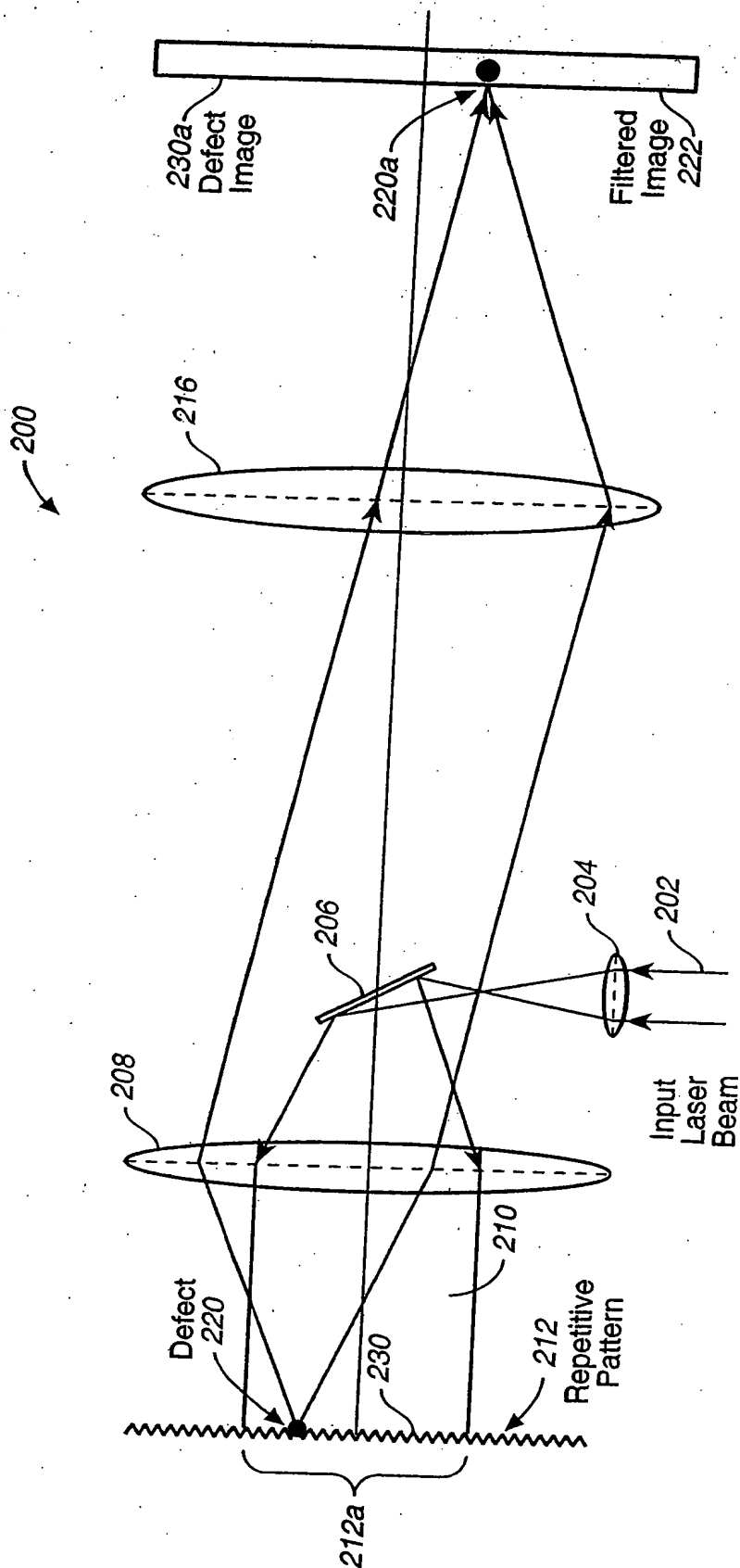
FIG. 1

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FIG. 2



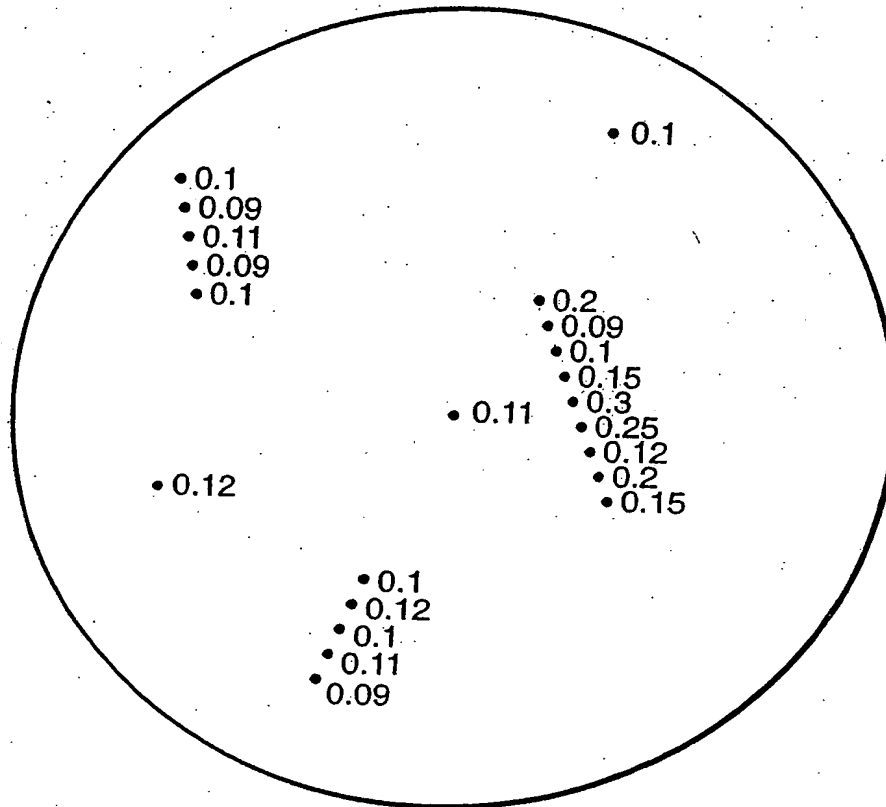
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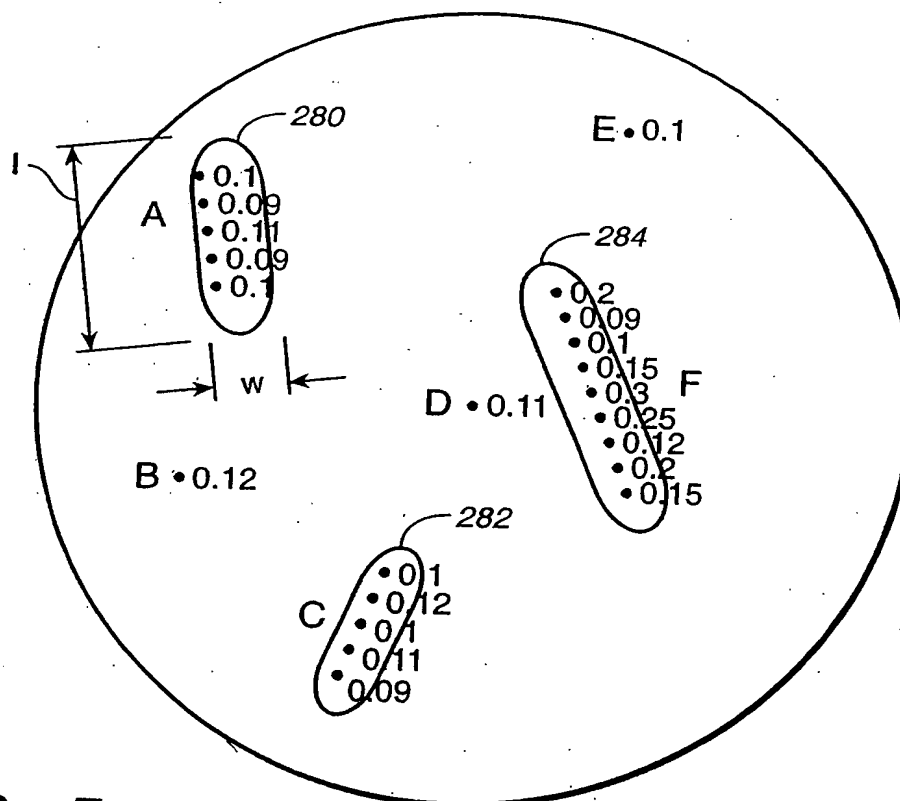
Optical Pattern Filtering Defect Detection

**FIG. 3**

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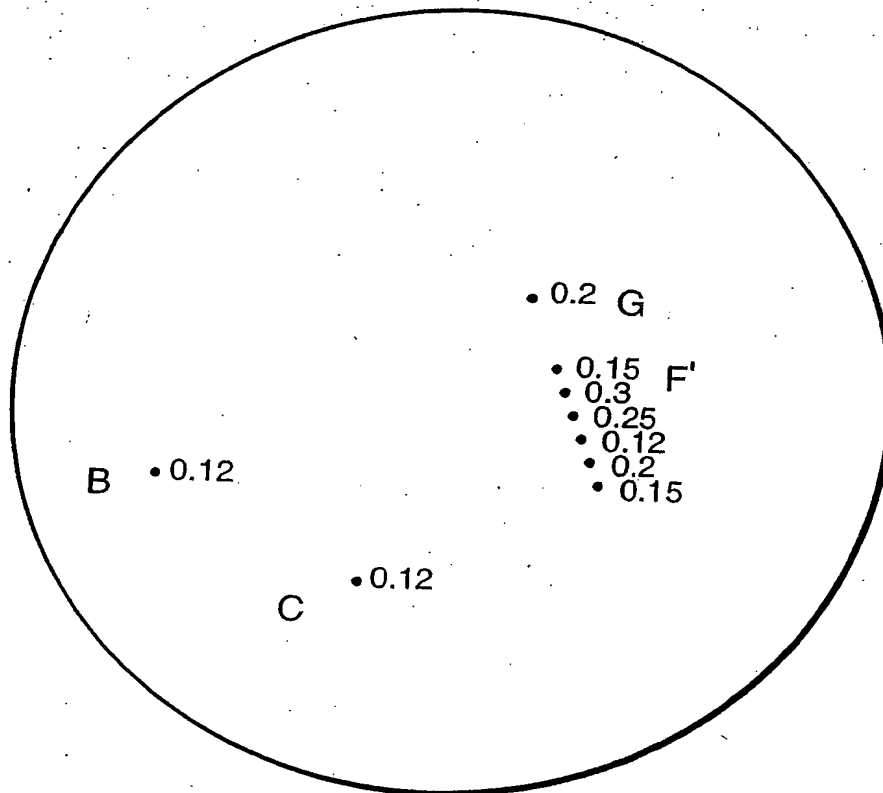


**FIG. 4** Simulated Distribution of Defects After a Scan. Size Indicated in Microns



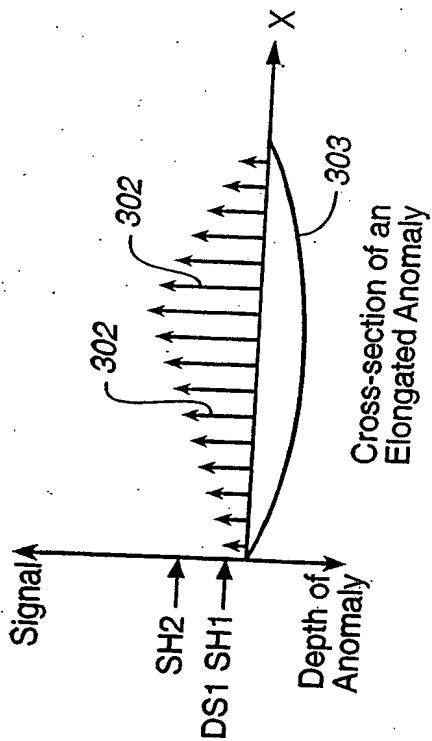
**FIG. 5** Initial Clustering in Microscratch Algorithm

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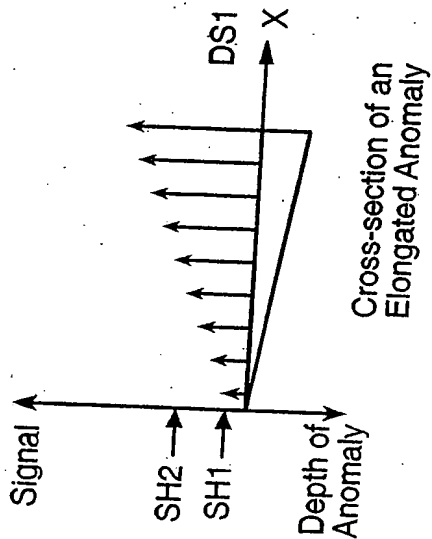


Final Output of the Microscratch Algorithm

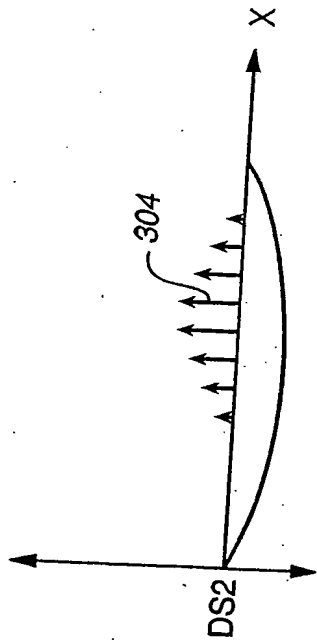
**FIG.\_6**



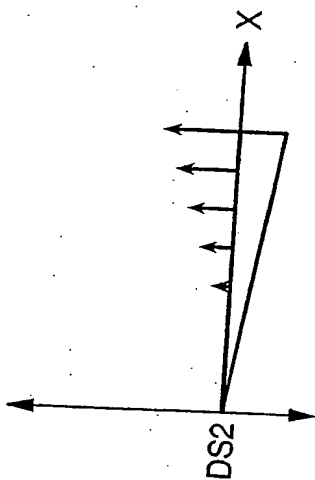
**FIG. 7A**



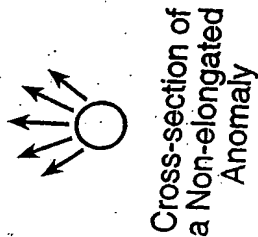
**FIG. 7B**



**FIG. 8A**



**FIG. 8B**



**FIG. 9**

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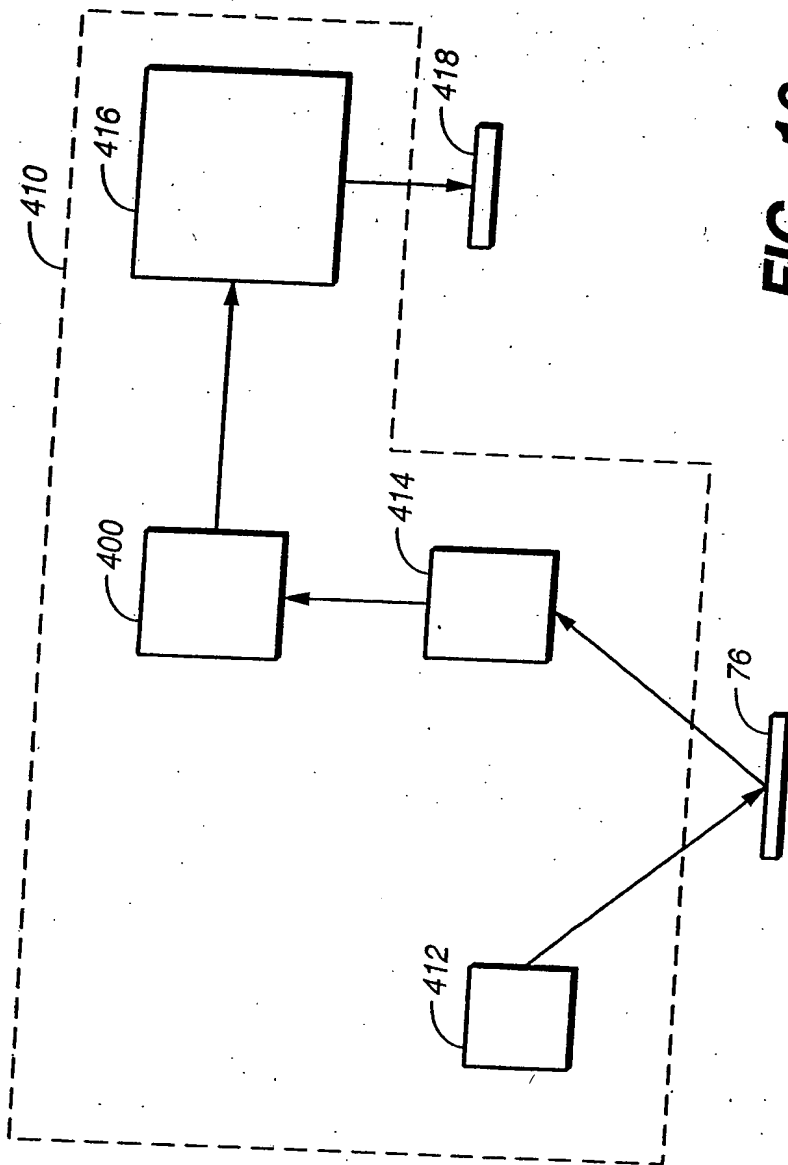


FIG. 10

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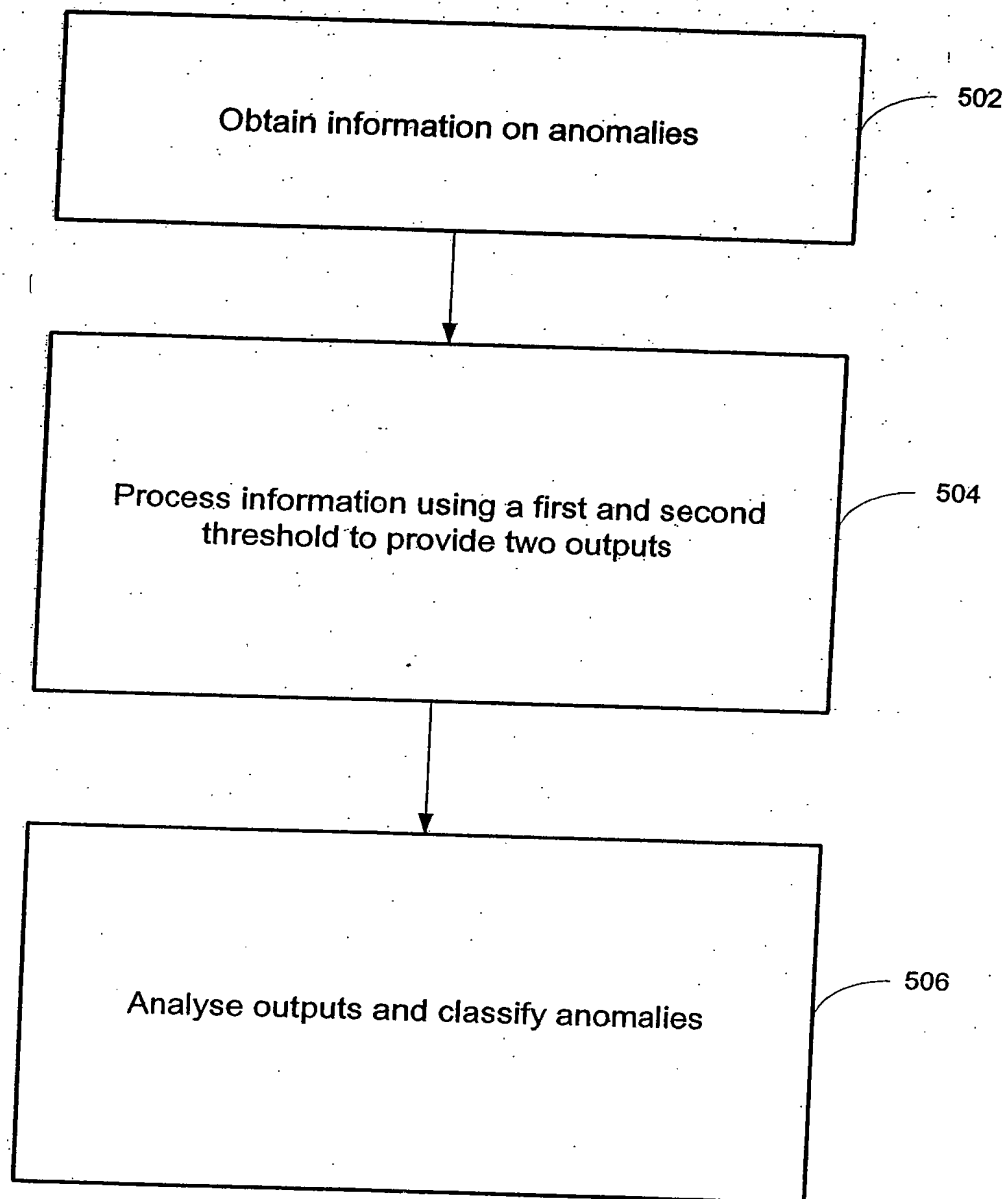


FIG. 11